

Form PTO 1449 OIP ETO JCA4 JAN 15 2002 PATENT & TRADEMARK OFFICE	US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-IX 2405	SERIAL NO. 08/790,540
	APPLICANT: William D. Huse		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: January 30, 1997	GROUP ART: 1644

### U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

16	Dueñas et al., "selection of phage displayed antibodies based on kinetic constants," <u>Molec. Immunol.</u> , 33(3):279-285 (1996).
	Foote and Milstein, "Kinetic maturation of an immune response" <u>Nature</u> 352:530-532 (1991).
	Hawkins et al., "Selection of phage antibodies by binding affinity, mimicking affinity maturation," <u>J. Mol. Biol.</u> , 226:889-896 (1992).
	Moore et al., "Directed evolution of para-nitrobenzyl esterase for aqueous-organic solvents" <u>Nature Biotechnology</u> 14:458-467 (1996)
	Newman et al., ""Primatization" of recombinant antibodies for immunotherapy of human diseases: a macaque/human chimeric antibody against human cd4," <u>Biotechnol.</u> , 10:1455-1460 (1992).
M	Sandberg and Terwilliger, "Engineering multiple properties of a protein by combinatorial mutagenesis" <u>Proc. Natl. Acad. Sci.</u> 90:8367-8371 (1993)

EXAMINER PHUMP/Gamza 6/13/03	DATE CONSIDERED
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12		Schier et al., "Isolation of picomolar affinity anti-c-erbB-2 single-chain fv by molecular evolution of the complementarity determining regions in the center of the antibody binding site," <u>J. Mol. Biol.</u> , 263:551-567 (1996).
1		Schier et al., "Isolation of high-affinity monomeric human anti-c-erbB-2 single-chain fv using affinity-driven selection," <u>J. Mol. Biol.</u> , 255:43-43 (1996).
		Schier and Marks, "Efficient in vitro affinity maturation of phage antibodies using BIAcore guided selections," <u>Hum. Antibod. Hybridomas</u> , 7:97-105 (1996).
16		Thompson et al., "Affinity maturation of a high-affinity human monoclonal antibody against the third hypervariable loop of human immunodeficiency virus: use of phage display to improve affinity and broaden strain reactivity," <u>J. Mol. Biol.</u> , 256:77-88 (1996).

EXAMINER PHILIP GAMBER 6/13/03	DATE CONSIDERED
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